

ABSTRACT

A shutter system is disclosed which is unitized in a single rectangular frame or bracket with a window or door for use in a building opening that includes a plurality of shutter plates that can be folded and unfolded, each of the shutter plates having a hinged joint with adjoining shutter plates. The rectangular bracket has guide members with tracks for guiding the shutter plates using extensions with rollers from each of the hinged joints to cooperate with the guide members. There are also further extensions at the ends of the shutter plates on no less than every other plate, each of these securing wheel carriers at the end of the shutter plate and within a track in the rectangular bracket. The wheel carriers are equipped with a spring to put the secured shutter plate in tension because this adds additional strength to the shutter plates to resist bending and impact of the shutter system when in a fully deployed configuration.